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AUG 15 2003

TECH CENTER 1600/2900

1645

Input Set : A:\Ign2004.app
Output Set: N:\CRF3\07262000\I374721A.raw

7/26/00

AUG 15 2003

TECH CENTER 1600/2000

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/374,721ADATE: 07/26/2000
TIME: 12:21:58Input Set : A:\Ign2004.app
Output Set: N:\CRF3\07262000\I374721A.raw

73 <211> LENGTH: 50
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
80 <400> SEQUENCE: 4
81 ttaagactgc gtggcgcgca ccaggttcac ttccagccgc tgccgccggc 50
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 37
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
91 <400> SEQUENCE: 5
92 tgttggttaaa ctgtctgacg ctctgtaagc ttctgca 37
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 43
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
102 <400> SEQUENCE: 6
103 gaagcttaca gagcgctcaga cagtttaaca acagccggcg gca 43
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 36
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
113 <400> SEQUENCE: 7
114 gcggctggaa gtgaacctgg tcgccgccac gcagtc 36
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 50
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
124 <400> SEQUENCE: 8
125 ttaagactgc gtggcgctga ccaggttcac ttccagccgc tgccgccggc 50
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 36
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
135 <400> SEQUENCE: 9
136 gcggctggaa gtgaacctgg tcagcgccac gcagtc 36
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 55

RAW SEQUENCE LISTING DATE: 07/26/2000
PATENT APPLICATION: US/09/374,721A TIME: 12:21:58

Input Set : A:\Ign2004.app
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140 <212> TYPE: DNA ✓
141 <213> ORGANISM: Artificial Sequence ✓
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer ✓
146 <400> SEQUENCE: 10
147 aagaaatcca catcggtccg ggtcgtgctt tctacaccac catccgcgcg gatca      55
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 54
151 <212> TYPE: DNA ✓
152 <213> ORGANISM: Artificial Sequence ✓
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer ✓
157 <400> SEQUENCE: 11
158 atccggcggg atggtggtgt agaaagcacg acccggaccg atgtggattt cttt      54
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 33
162 <212> TYPE: DNA ✓
163 <213> ORGANISM: Artificial Sequence ✓
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer ✓
168 <400> SEQUENCE: 12
169 ttaagactgc gtggcgccat ccacatcggt ccg      33
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172 <211> LENGTH: 29
173 <212> TYPE: DNA ✓
174 <213> ORGANISM: Artificial Sequence ✓
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer ✓
179 <400> SEQUENCE: 13
180 ggtcgtgctt tctacaccac ctaactgca      29
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 34
184 <212> TYPE: DNA ✓
185 <213> ORGANISM: Artificial Sequence ✓
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer ✓
190 <400> SEQUENCE: 14
191 gttaggtggt gtagaaagca cgaccggac cgat      34
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194 <211> LENGTH: 20
195 <212> TYPE: DNA ✓
196 <213> ORGANISM: Artificial Sequence ✓
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer ✓
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204 <210> SEQ ID NO: 16
205 <211> LENGTH: 12
206 <212> TYPE: PRT ✓
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AUG 15 2003

TECH CENTER 1600/2900

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/374,721ADATE: 07/26/2000
TIME: 12:21:58Input Set : A:\Ign2004.app
Output Set: N:\CRF3\07262000\I374721A.raw

207 <213> ORGANISM: Artificial Sequence ✓
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide ✓
211 antigen
213 <400> SEQUENCE: 16
214 Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr
215 1 5 10
218 <210> SEQ ID NO: 17
219 <211> LENGTH: 19
220 <212> TYPE: PRT ✓
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide
225 antigen
227 <400> SEQUENCE: 17
228 Asp Gln Val His Phe Gln Pro Leu Pro Pro Ala Val Val Lys Leu Ser
229 1 5 10 15
231 Asp Ala Leu
235 <210> SEQ ID NO: 18
236 <211> LENGTH: 22 ✓
237 <212> TYPE: PRT ✓
238 <213> ORGANISM: Artificial Sequence ✓
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide ✓
242 antigen
244 <400> SEQUENCE: 18
245 Lys Glu Asp Val Cys Ala Gln Val His Pro Gln Lys Val Thr Lys Phe
246 1 5 10 15
248 Met Leu Cys Ile Pro Pro
249 20
252 <210> SEQ ID NO: 19
253 <211> LENGTH: 22 ✓
254 <212> TYPE: PRT ✓
255 <213> ORGANISM: Artificial Sequence ✓
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide ✓
259 antigen
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263 1 5 10 15
265 Met Leu Cys Met Pro Pro
266 20
269 <210> SEQ ID NO: 20
270 <211> LENGTH: 20 ✓
271 <212> TYPE: PRT ✓
272 <213> ORGANISM: Artificial Sequence ✓
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: polypeptide ✓
276 antigen

Input Set : A:\Ign2004.app
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7/26/00

VERIFICATION SUMMARY

DATE: 07/26/2000

PATENT APPLICATION: US/09/374,721A

TIME: 12:21:59

Input Set : A:\Ign2004.app

Output Set: N:\CRF3\07262000\I374721A.raw

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L:352 M:283 W: Missing Blank Line separator, <400> field identifier
L:353 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (25) SEQUENCE:
L:469 M:283 W: Missing Blank Line separator, <400> field identifier
L:470 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (33) SEQUENCE:
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